

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
23 February 2006 (23.02.2006)

PCT

(10) International Publication Number
WO 2006/020938 A2

(51) International Patent Classification: **Not classified**

(21) International Application Number:
PCT/US2005/028865

(22) International Filing Date: 12 August 2005 (12.08.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/601,316 14 August 2004 (14.08.2004) US

(71) Applicant (for all designated States except US): **KIRUSA, INC.** [US/US]; 2025 Lincoln Highway, Suite 322, Edison, NJ 08817 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **MUMICK, Inderpal, Singh** [US/US]; 85 Swenson Circle, Berkeley Heights, NJ 07922 (US). **ANDERL, Ewald** [US/US]; 43B Riverdale Court, Scotch Plains, NJ 07076 (US). **MOORTHY, Raja** [IN/US]; 44 Fox Hill Road, Middletown, NJ 07748 (US). **UPPALADADIUM, Prasanna** [IN/US]; 90A Riverdale Court, Scotch Plains, NJ 07076 (US).

(74) Agents: **STEIN, Michael, D.** et al.; Woodcock Washburn LLP, One Liberty Place, 46th Floor, Philadelphia, PA 19103 (US).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: METHODS FOR IDENTIFYING MESSAGES AND COMMUNICATING WITH USERS OF A MULTIMODAL MESSAGE SERVICE

(57) Abstract: Methods for combining speech with existing text wireless Short Message Service (SMS) to create a multimodal SMS service are provided. A user of standard SMS text service is provided with a link within each message that allows adding or retrieval of a voice message associated with an SMS text message. A speech server in the wireless network may be used for recognition of voice commands, rendering of text into speech, and recording or playing back voice recordings. An automatic and unique identification of each message is created to allow retrieval of the message without manually selecting the message. Additional services include message lists, integration with voicemail systems, image and video messages, cross-functional applications with Multimedia Messaging Services (MMS) and Enhanced Message Services (EMS), and extensions of the combination of voice with text SMS to other computing devices such as PDAs and PCs.



WO 2006/020938 A2